

Physical Parameters

Parameters	Result	Permissible Limits (WHO/PSQCA)	Parameters	Result	Permissible Limits/Criteria (WHO/PSQCA)
pH	7.6	6.5 – 8.5	Colour	Colourless	Colourless
Turbidity (NTU)	0.0	5	Odour	Odourless	Odourless
Conductivity (µS/cm)	955	1334	Appearance	Clear	Clear

Chemical Parameters

Parameters (mg/L)	Result	Maximum Permissible Limits(ppm) (WHO/PSQCA)	Parameters (mg/L)	Result	Maximum Permissible Limits(ppm) (WHO/PSQCA)
Chlorine	0.0	0.3	Sodium	160	200
TD Solids	716	1000	Potassium	2.2	100
Hardness	150	500	Chloride	50	200
Calcium	36	200			
Magnesium	14	150			

Physical parameters

Appearance	Clear		
Colour	Normal	Smell/Odor	Normal

Microbiological Parameters

Analytical Parameters:	Observed Value	Reference Value (WHO/PSQCA)
Total Viable Count	2×10^3	< 20/ml
Most Probable Number of Coliform	240 ⁺	< 2.2/100 ml
Most Probable Number of Thermotolerant Faecal Coliform	Nil	Nil /100 ml
E.coli	Nil	Nil/100 ml

Result: Unsatisfactory as per tests performed.

Remarks: